

Solve each equation. Check your solution.

$$14. 7x = -35$$

$$\frac{7x}{7} = \frac{-35}{7}$$

$$x = -5$$

$$7(-5) = -35$$

$$-35 = -35$$

$$15. -6s = -48$$

$$\frac{-6s}{-6} = \frac{-48}{-6}$$

$$s = 8$$

$$-6 \cdot 8 = -48$$

$$-48 = -48$$

$$16. -2 = 7 + 3c$$

$$\frac{-2 - 7}{-3} = \frac{3c}{-3}$$

$$-9 = 3c$$

$$\frac{-9}{3} = \frac{3c}{3}$$

$$-3 = c$$

$$7 + 3(-3) = -2$$

$$-2 = -2$$

$$17. 2v - 4 = 18$$

$$\frac{2v - 4 + 4}{2} = \frac{18 + 4}{2}$$

$$\frac{2v}{2} = \frac{22}{2}$$

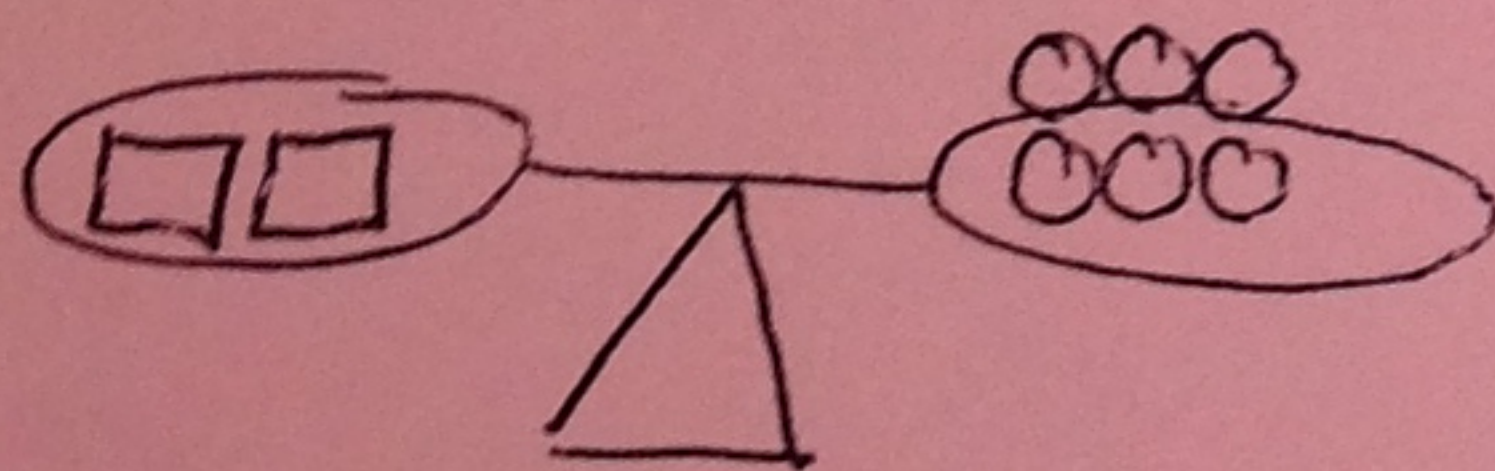
$$v = 11$$

$$2 \cdot 11 - 4 = 18$$

$$18 = 18$$

Solve for the box. Write an equation to represent the picture.

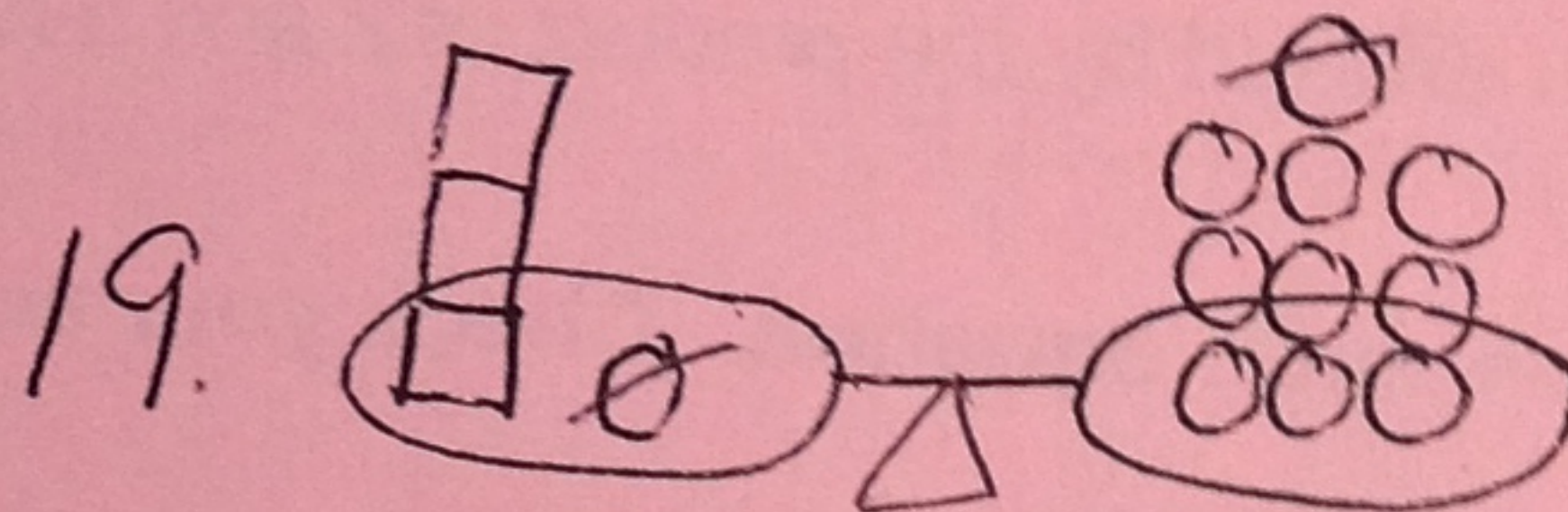
18.



$$2x = 6$$

$$\frac{2x}{2} = \frac{6}{2}$$

$$x = 3$$



$$3x + y = 10$$

$$\frac{3x + y}{-1} = \frac{10}{-1}$$

$$3x = 9$$

$$\frac{3x}{3} = \frac{9}{3}$$

$$x = 3$$